

7 wherein said name service registers information received from clients and provides said
8 information to clients that request the information, wherein said clients include
9 one or more nodes different than a node on which said name service resides; and
10 causing a particular node of said one or more nodes that requires information about
11 participants in said distributed operation to retrieve said participant data from said
12 name service.

b1

1 (Amended) The method of Claim 1, wherein the step of causing a particular node
2 includes causing said particular node to retrieve said participant data in response to said
3 particular node performing deadlock detection.

b2 b3

1 (Amended) The method of Claim 1, wherein:
2 said distributed operation is a distributed database transaction;
3 the step of registering includes registering participant data that identifies which database
4 servers of a plurality of database servers are participating in said distributed
5 database transaction; and
6 the step of causing a particular node includes causing a particular node that requires
7 information about participants in said distributed database transaction to retrieve
8 said participant data from said name service.

b3

1 7. (Amended) The method of Claim 1, wherein:
2 said distributed operation is a distributed database transaction;
3 the method further includes the step of assigning a transaction identifier to said
4 distributed database transaction;
5 the step of registering includes registering in said name service data that associates said
6 participant data with said transaction identifier; and

7 the step of causing a particular node includes causing a particular node to request from
8 said name service published data associated with said transaction identifier.

1 8. (Amended) The method of Claim 1, wherein the steps include said name service
2 receiving a request from a first process to supply said participant data, wherein said name
3 service and said first process reside on said particular node.

1 9. (Amended) The method of Claim 8, wherein the step of causing a particular node
2 includes said name service retrieving said participant data from one or more data
3 structures residing on said particular node in response to receiving said request.

1 10. (Cancelled)

11. (Amended) A computer-readable medium carrying one or more sequences of one or more
-2 instructions for determining participants of a distributed operation in a distributed system,
3 the one or more sequences of one or more instructions including instructions which, when
4 executed by one or more processors, cause the one or more processors to perform the
5 steps of:
6 registering in a name service participant data that identifies a plurality of participants that
7 are participating in said distributed operation;
8 wherein said distributed operation is a unit of work involving said plurality of
9 participants;
10 wherein said name service registers information received from clients and provides said
11 information to clients that request the information, wherein said clients include
12 one or more nodes different than a node on which said name service resides; and

13 causing a particular node of said one or more nodes that requires information about
14 participants in said distributed operation to retrieve said participant data from said
15 name service.

16 12. (Amended) The computer-readable medium of Claim 11, wherein the step of causing a
17 particular node includes causing said particular node to retrieve said participant data in
18 response to said particular node performing deadlock detection.

16 16. (Amended) The computer-readable medium of Claim 11, wherein:
17 said distributed operation is a distributed database transaction;
18 the step of registering includes registering participant data that identifies which database
19 servers of a plurality of database servers are participating in said distributed
20 database transaction; and
21 the step of causing a particular node includes causing a particular node that requires
22 information about participants in said distributed database transaction to retrieve
23 said participant data from said name service.

17. (Amended) The computer-readable medium of Claim 11, wherein:
18 said distributed operation is a distributed database transaction;
19 the steps further include the step of assigning a transaction identifier to said distributed
20 database transaction;
21 the step of registering includes registering in said name service data that associates said
22 participant data with said transaction identifier; and
23 the step of causing a particular node includes causing a particular node to request from
24 said name service published data associated with said transaction identifier.

1 18. (Amended) The computer-readable medium of Claim 11, wherein the steps further
2 include said name service receiving a request from a first process to supply said
3 participant data, wherein said name service and said first process reside on said particular
4 node.

b4
1 19. (Amended) The computer-readable medium of Claim 18, wherein the step of causing a
2 particular node includes said name service retrieving said participant data from one or
3 more data structures residing on said particular node in response to receiving said request.

20. (Cancelled)